INTEGRATING A DEVICE INTO A SECURE NETWORK

ABSTRACT

A method of integrating a device into a secure network. The method includes establishing a tunnel between an authenticator, which has a first public key and a first secret, and a device, which has a second secret and a second public key. The method also includes hashing the first secret at the authenticator using the first public key, the second public key and a random number generated from the tunnel protocol to produce a hash of the first secret. The method further includes establishing an authenticated session between the device and the authenticator when the hash of the first secret matches a hash of the second secret.